

GM501 Mineral Oil

GYNEMED



- Ready-to-use
- 18-month shelf life
- Pre-washed twice with ultrapure water
- Stabilize media pH during IVF, ICSI and related artificial reproductive procedures
- Prevents evaporation
- A Certificate of Analysis for each batch is available on our website.

GM501 Mineral Oil Specifications

GM501 Mineral Oil is intended for use as an overlay for culture of gametes, zygotes, or embryos in Assisted Reproductive Technology (ART) and micro-manipulation procedures.

The GM501 Mineral Oil is a pre-washed, ready-to-use, light mineral oil ($d = 0.83-0.86$ g/ml) for use with media in IVF, ICSI and related assisted reproduction

procedures. The oil is pre-washed twice with ultrapure water and may be used to coat culture dishes and flasks and as an overlay for media droplets, thereby preventing evaporation and stabilizing pH and temperature.

GM501 Mineral Oil Instructions for Use

- GM501 Mineral Oil is a pre-washed, ready-to-use oil. No pre-mixing or further preparations are required.
- Prepare dishes and flasks with GM501 Mineral Oil and incubate at 37°C for 5 hours prior to use.
- Overlay the culture medium with micro drops of GM501 Mineral Oil until completely covered.
- Any laboratory procedures described herein are recommendations only. Each laboratory must establish and validate its own procedures for preparation and use.

GM501 Mineral Oil Composition

Pharmaceutical Grade Mineral (Paraffin) Oil

- CAS Code: 8042-47-5
- EP Monograph: 0240

GM501 Mineral Oil Specifications

Density (g/ml)	0.83 - 0.86
Viscosity (at 30°C/cP)	< 30
Sterility (sterile/SAL 10^{-3})	No Growth
Endotoxins (LAL, EU/ml)	< 0.25
1-Cell MEA	≥ 80% blastocysts at 120h exposure
Peroxide Value (POV) (mEq/kg)	< 0.10

Part #	Size	Storage	Shelf Life*
4 MO 0100	1 x 100 ml	15 - 25°C	18 months
4 MO 0500	1 x 500 ml	15 - 25°C	18 months

*From the date of manufacture



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